



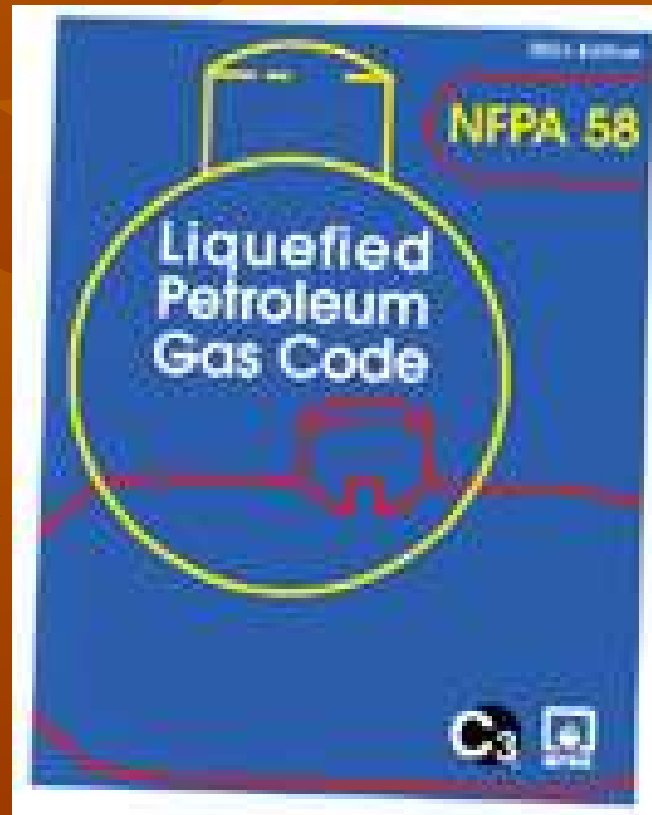
# **Propane Distribution Systems Field Inspection Observations**

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**CT DPUC**

# NFPA 58

2004 Edition





# NFPA 58 (2004)



Propane company name, emergency phone number and product identification placard shall be on the facility.





# Vehicle Protection?



# NFPA 58 (2004)



# NFPA 58 (2004)

- **5.7.11.2** Valves, regulators, gauges, and other container appurtenances shall be protected against physical damage.
- **6.8.3.10** Aboveground piping shall be supported and protected against physical damage by vehicles.
- **6.15.5.3** Vapor meters shall be installed so as to minimize the possibility of physical damage.



# NFPA 58 (2004)



# NFPA 58 (2004)

- 5.7.11.4 Connections to ASME containers installed underground shall be located within a substantial dome, housing, or manhole and shall have a cover:

(C) The area of ventilation openings shall equal or exceed the combined discharge areas of the pressure relief devices and other vent lines that discharge into the manhole or housing.



# NFPA 58 (2004)



# NFPA 58 (2004)

- 6.4.5.2 Loose or piled combustible material and weeds and long dry grass shall be separated from containers by a minimum of 10 ft (3 m).



# NFPA 58 (2004)



# NFPA 58 (2004)

- **5.2.8.3\*** The markings specified for ASME containers shall be on a stainless steel metal nameplate attached to the container, located to remain visible after the container is installed.
  - (A) The nameplate shall be attached in such a way as to minimize corrosion of the nameplate or its fastening means and not contribute to corrosion of the container.
  - (B) Where the container is buried, mounded, insulated, or otherwise covered so the nameplate is obscured, the information contained on the nameplate shall be duplicated and installed on adjacent piping or on a structure in a clearly visible location.



# NFPA 58 (2004)



# NFPA 58 (2004)

- **5.2.1.4** Containers that show excessive denting, bulging, gouging, or corrosion shall be removed from service.
- **6.6.1.4** Aboveground containers shall be painted.
- **6.21.5.1 (K)** Exposed parts of the piping system either shall be of corrosion-resistant material or shall be coated or protected to minimize exterior corrosion.



# NFPA 58 (2004)



# NFPA 58 (2004)

- 6.7.2.4 Rain caps or other means shall be provided to minimize the possibility of the entrance of water or other extraneous matter into the relief device or any discharge piping.

# NFPA 58 (2004)



# NFPA 58 (2004)

- 6.6.3.1 Horizontal ASME containers designed for permanent installation in stationary service above ground shall be placed on masonry or other noncombustible structural supports...



# THE END



SO, ... HOW'S YOUR DAY GOING?